

# (12) UK Patent Application (19) GB (11) 2 353 864 (13) A

(43) Date of A Publication 07.03.2001

(21) Application No 9920885.2

(22) Date of Filing 06.09.1999

(71) Applicant(s)

The Secretary of State for Defence  
(Incorporated in the United Kingdom)  
Defence Research Agency, Ively Road,  
FARNBOROUGH, Hants, GU14 0LX, United Kingdom

(72) Inventor(s)

Andrew Shaun Treen  
Chris Robert Lawrence  
Martin Swain  
John Warren Williams

(74) Agent and/or Address for Service

The Secretary of State for Defence  
Defence Research Agency, Ively Road,  
FARNBOROUGH, Hants, GU14 0LX, United Kingdom

(51) INT CL<sup>7</sup>

G01L 7/08

(52) UK CL (Edition S)

G1L L382

(56) Documents Cited

GB 2006048 A GB 1261048 A

(58) Field of Search

UK CL (Edition Q) G1L  
INT CL<sup>8</sup> G01L 7/02 7/08 13/02  
Online: WPI, EPODOC, JAPIO

(54) Abstract Title

Pressure indicator

(57) A pressure indicator, for example for a football or tyre, has a translucent display diaphragm (4) and an indicator diaphragm (5) with a distinctive pattern or symbol, which together form a compartment (6) containing an opaque liquid or gel. When a change in pressure is applied to the diaphragms (4, 5), relative movement between the diaphragms (4, 5) is caused which causes the liquid or gel to be displaced and the symbol or pattern on the indicator diaphragm (5) to be seen through the translucent display diaphragm (4).

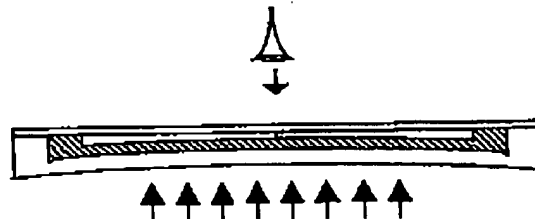


FIG. 2C

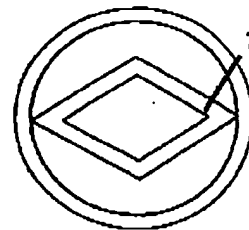


FIG. 2D

GB 2 353 864 A

1/3

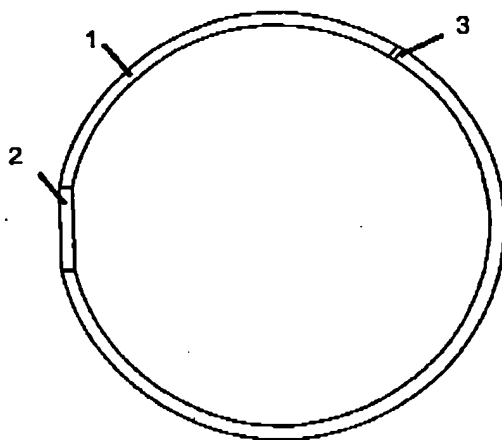


FIG. 1

2/3

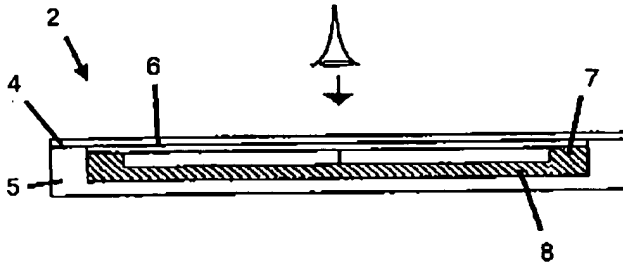


FIG. 2A

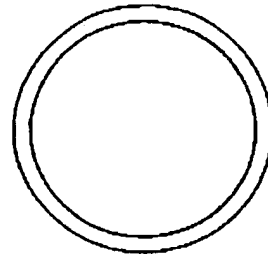


FIG. 2B

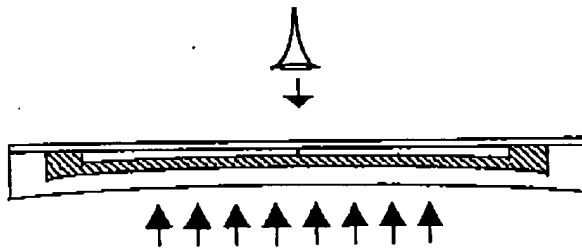


FIG. 2C

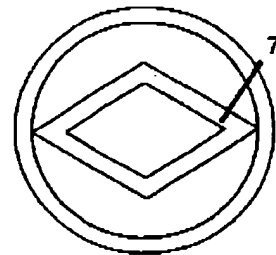


FIG. 2D

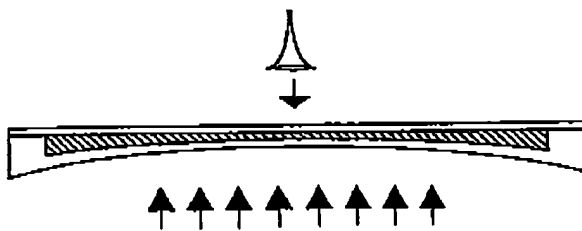


FIG. 2E

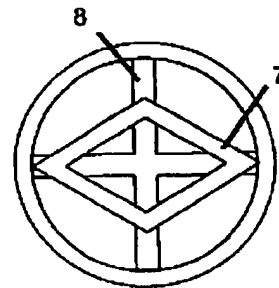


FIG. 2F

3/3FIG. 3